

| Forest: Willamette   |            |                |            | District: Detroit |         | Tons to MBF Conversion Factor |         | 0.1582  |         |                   |     |      |
|--|------------|----------------|------------|-------------------|---------|-------------------------------|---------|---------|---------|-------------------|-----|------|
| Sale Name: Pioneer Commercial Firewood   |            |                |            | Date: 6/22/2015   |         | Tons to CCF Conversion Factor |         | 0.3484  |         |                   |     |      |
| VOLUME BY SPECIES GROUP  |            |                |            |                   |         |                               |         |         |         |                   |     |      |
| Cutting Unit #   | Species    | Yarding System | Unit Acres | CCF               |         | MBF                           |         | Tons    |         | Total Unit Volume |     |      |
|  |            |                |            | Saw               | Grn-Bio | Saw                           | Grn-Bio | Saw     | Grn-Bio | CCF               | MBF | Tons |
| 16   | DF & Other | Tractor        | 74         | 0                 | 463     | 0                             | 205     | 0       | 1336    | 463               | 205 | 1336 |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 74         | 0                 | 463     | 0                             | 205     | 0       | 1336    | 463               | 205 | 1336 |
| 16a  | DF & Other | Tractor        | 49         | 0                 | 306     | 0                             | 136     | 0       | 884     | 306               | 136 | 884  |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 49         | 0                 | 306     | 0                             | 136     | 0       | 884     | 306               | 136 | 884  |
| 80   | DF & Other | Tractor        | 15         | 0                 | 374     | 0                             | 178     | 0       | 1061    | 374               | 178 | 1061 |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 15         | 0                 | 374     | 0                             | 178     | 0       | 1061    | 374               | 178 | 1061 |
|  | DF & Other | Tractor        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  | DF & Other | Tractor        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  | DF & Other | Tractor        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  | DF & Other | Tractor        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  | DF & Other | Tractor        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  | DF & Other | Tractor        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  | DF & Other | Tractor        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  | DF & Other | Tractor        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  | DF & Other | Tractor        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  | DF & Other | Tractor        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
|  |            | Skyline        | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
|  |            | Heli           | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   |      |
| Subtotal   |            |                | 0          | 0                 | 0       | 0                             | 0       | 0       | 0       | 0                 | 0   | 0    |
| Total Vol. by Product =  |            |                |            | 0                 | 1143    | 0                             | 519     | 0       | 3281    | 1143              | 519 | 3281 |
| Acres by System  |            | Total= 138     |            | Tractor= 138      |         | Skyline= 0                    |         | Heli= 0 |         |                   |     |      |
| CCF Vol. by System   |            | Total= 1143    |            | Tractor= 1143     |         | Skyline= 0                    |         | Heli= 0 |         |                   |     |      |
| MBF Vol. by System   |            | Total= 519     |            | Tractor= 519      |         | Skyline= 0                    |         | Heli= 0 |         |                   |     |      |
| Ton Vol. by System   |            | Total= 3281    |            | Tractor= 3281     |         | Skyline= 0                    |         | Heli= 0 |         |                   |     |      |
| Measurement of the estimated quantities will be made after felling. The Forest Service encourages potential bidders to make their own inspection and estimate prior to bid submission. The Forest Service makes no representation, warranty, or guarantee of the accuracy of these quantity estimates. |            |                |            |                   |         |                               |         |         |         |                   |     |      |
| * Note - The conversion factors for MBF and CCF are derived by dividing the total tons from the cruise (WT4) into the total MBF and CCF (UC3). To achieve the best accuracy the conversion factor should include at least four decimal places.   |            |                |            |                   |         |                               |         |         |         |                   |     |      |